

Claims

1. A method for selecting a service provider (DA1) for a service (D) that can be received by a mobile station (UE) via a radio access network of a radio communication system (WLAN) and is provided by at least two service providers (DA1, DA2, DA3) via the radio access network of the radio communication system, wherein
 - a selecting device (AV) receives from the mobile station (UE) via a radio interface of the radio access network a request (AUFUE) to select the service provider,
 - the service providers (DA1, DA2, DA3) are each requested (AUF1) by the selecting device (AV) to indicate a value of a selection parameter (PAR), and
 - the selecting device (AV) selects one of the service providers (DA1) for the service (D) as a function of the indicated values (W1, W2, W3) of the selection parameter (PAR).
2. The method as claimed in claim 1, wherein the mobile station (UE) is informed about the service provider (DA1) selected for the service (D).
3. The method as claimed in claim 1, wherein the selecting device (AV) assigns the mobile station (UE) the service provider (DA1) selected for the service (D) for a connection setup via the radio interface.
4. The method according to one of claims 1 to 3, wherein a first time interval (ZI1) is specified within which, after the request (AUF1) to indicate the values of the selection parameter (PAR), the service providers (DA1, DA2, DA3) are able to indicate their values (W1, W2, W3).

5. The method as claimed in one of the claims 1 to 4, wherein a second time interval (ZI2) is specified on whose expiration a service provider (DA1) is selected for the service (D).

6. The method as claimed in claim 4 and 5, wherein

- the values (W1, W2, W3, W11) of the selection parameter that were indicated by the service providers (DA1, DA2, DA3) on expiration of the first time interval (ZI1) are compared with each other,
- a service provider (DA3, DA1) is determined having the most favorable value (W3, W11) of the selection parameter (PAR) for the mobile station (UE), and
- at least some of the service providers (DA1, DA2, DA3) are again requested (AUF2, AUF3) by the selecting device (AV) each to indicate a value of the selection parameter (PAR) within a third, specifiable time interval (ZI3).

7. The method as claimed in claim 6, wherein the service providers are notified of the most favorable value (W3, W11) of the selection parameter (PAR) along with the renewed request (AUF2, AUF3) to indicate a value of the selection parameter (PAR).

8. The method as claimed in claim 6 or 7, wherein the service providers (DA1, DA2, DA3) will, along with the renewed request (AUF2, AUF3) to indicate a value of the selection parameter (PAR), be informed if the same most favorable value (W3, W11) of the selection parameter (PAR) has been indicated by at least two service providers.

9. The method as claimed in one of the preceding claims, wherein the selection parameter (PAR) is predefined by the mobile station (UE).

10. The method as claimed in one of the preceding claims, wherein a price for the service (D) is applied as the selection parameter (PAR).

11. The method as claimed in one of the claims 1 to 9, wherein a transmission quality of the service (D) is applied as the selection parameter (PAR).

12. A selecting device (AV) for selecting a service provider (DA1, DA2, DA3) for a service (D) that can be received by a mobile station (UE) via a radio access network of a radio communication system (WLAN) and is provided by at least two service providers via the radio access network of the radio communication system,

- having means for receiving (SE) a request (AUFUE) sent by the mobile station (UE) via a radio interface of the radio access network to select a service provider (DA1, DA2, DA3),
- having means for requesting (SE, P) the service providers (DA1, DA2, DA3) each to indicate a value (W1, W2, W3) of a selection parameter (PAR), and
- having means for selecting (P) one of the service providers (DA1) for the service (D) as a function of the indicated values (W1, W2, W3) of the selection parameter (PAR).